

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the PCT National Phase Application of

TANAKA et al.

Examiner:

Serial No.: (to be assigned)

Art Unit:

Date Filed:

Docket No.: 0022-3465

For: Optical Single-Sideband Modulated Signal Generator

Box New Patent Application  
Director of Patents, U.S. Patent Office  
Washington, D.C. 20231

PRELIMINARY AMENDMENT

SIR:

Applicants, through their attorneys of record, submit this Preliminary Amendment to amend improper multiple dependent claim 7 and add new claims so that the matter of original claim 7 is now expressed in proper single-dependent claims. No new matter has been added.

It is respectfully requested that all fees in this application be calculated after this Canceling and Preliminary Amendment.

IN THE CLAIMS:

Please amend claim 7 and add new claims 8-12. Note that claim 7, below, does not indicate matter added or deleted; in the Attachment to this Preliminary Amendment claim 7 is given again, with additions and deletions shown.

7. (Amended) An optical single-sideband modulated signal according to claim 1, characterized in that an optical signal adjuster for adjusting the optical signal amplitude is

provided in at least one of said first and second optical waveguide paths and said first to n-th auxiliary optical waveguide paths.

8. (New) An optical single-sideband modulated signal according to claim 2, characterized in that an optical signal adjuster for adjusting the optical signal amplitude is provided in at least one of said first and second optical waveguide paths and said first to n-th auxiliary optical waveguide paths.

9. (New) An optical single-sideband modulated signal according to claim 3, characterized in that an optical signal adjuster for adjusting the optical signal amplitude is provided in at least one of said first and second optical waveguide paths and said first to n-th auxiliary optical waveguide paths.

10. (New) An optical single-sideband modulated signal according to claim 4, characterized in that an optical signal adjuster for adjusting the optical signal amplitude is provided in at least one of said first and second optical waveguide paths and said first to n-th auxiliary optical waveguide paths.

11. (New) An optical single-sideband modulated signal according to claim 5, characterized in that an optical signal adjuster for adjusting the optical signal amplitude is provided in at least one of said first and second optical waveguide paths and said first to n-th auxiliary optical waveguide paths.

12. (New) An optical single-sideband modulated signal according to claim 6, characterized in that an optical signal adjuster for adjusting the optical signal amplitude is

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provided in at least one of said first and second optical waveguide paths and said first to n-th auxiliary optical waveguide paths.

#### REMARKS

This Preliminary Amendment is being filed simultaneously with a new U.S. patent application for Tanaka et al. Original claim 7 has been amended to depend solely on claim 1, and claims 8-12 have been added to express the remainder of its dependencies in single dependent form. No new subject matter has been added.

Applicants respectfully submit that this application is now in better condition for examination. According, early processing to examination is respectfully solicited.

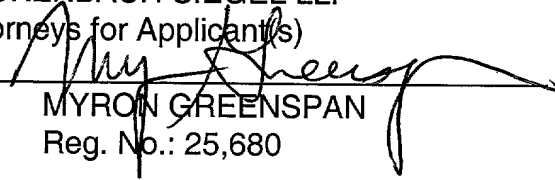
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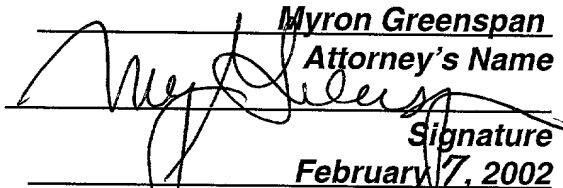
Respectfully submitted,

LACKENBACH SIEGEL LLP  
Attorneys for Applicant(s)

By:   
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#### **EXPRESS MAILING CERTIFICATE**

*I hereby certify that this correspondence is being deposited with the United States Postal Services as Express Mail in an appropriately marked envelope addressed to: Director of Patents, U.S. Patent Office, Washington, D.C. 20231, on the date indicated below:*

  
**Myron Greenspan**  
**Attorney's Name**  
**Signature**  
**February 7, 2002**

***Applicant hereby petitions that any and all extensions of time of the term necessary to render this response timely be granted. COSTS FOR SUCH EXTENSION(S) AND/OR ANY OTHER FEE DUE WITH THIS PAPER THAT ARE NOT FULLY COVERED BY AN ENCLOSED CHECK MAY BE CHARGED TO DEPOSIT ACCOUNT #10-0100.***

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ATTACHMENT. Amended claim 7 with additions and deletions shown.

7. (Amended) An optical single-sideband modulated signal according to [any one of claims 1 to 6] claim 1, characterized in that an optical signal adjuster for adjusting the optical signal amplitude is provided in at least one of said first and second optical waveguide paths and said first to n-th auxiliary optical waveguide paths.